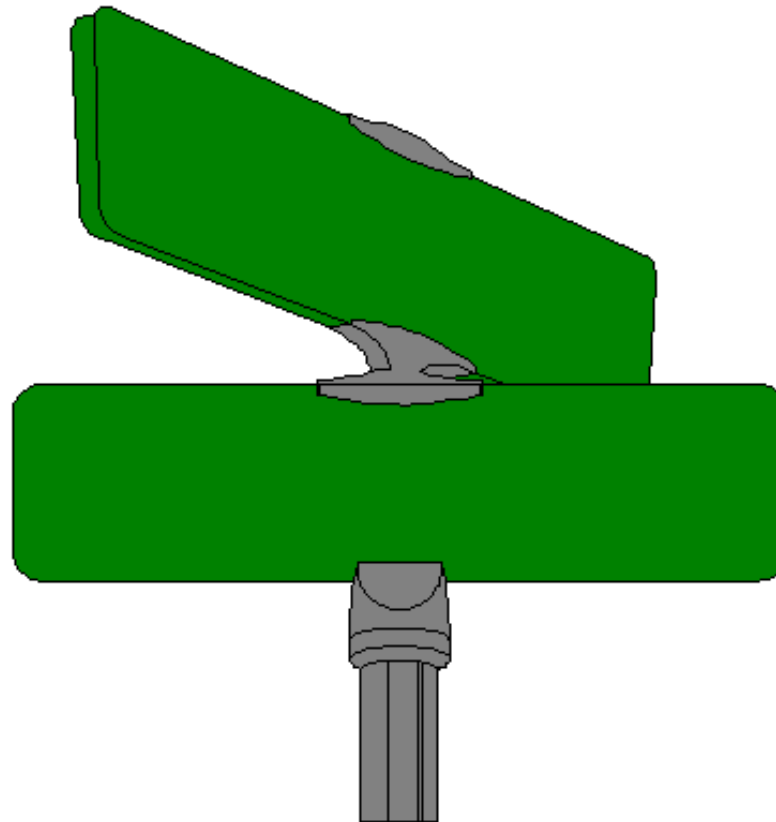


## ***Feature Names, Codes, and Secondary Roads***



# 8-Digit Code

The 8-digit code specifies state-maintained primary and secondary roads, local routes, and political boundaries (municipal, county, and state).



# 8-Digit Code Examples

## **10000040 - I 40**

1 - Interstate

0 - None

0 - Not a couplet

00040 - Route number 40

## **19000040 - I 40 Business**

1 - Interstate

9 - Business route

0 - Not a couplet

00040 - Route number 40

## **50018682 - Main St.**

5 - City Street

0 - None

0 - Not a couplet

18682 - Route number for Main St

## **20000064 - US 64**

2 - US Route

0 - None

0 - Not a couplet

00064 - Route number 64

## **21000064 - US 64 Alternate**

2 - US Route

1 - Alternate

0 - Not a couplet

00064 - Route number 64

## **40001001 - SR 1001**

4 - Secondary Route

0 - Alternate

0 - Not a couplet

01001 - Route number 1001

## **70000009 - Brunswick County Line**

7 - County Boundary

0 - None

0 - Not a couplet

00009 - County number 9 (Brunswick Co)

## **90000438 - Raleigh City Limits**

9 - City Boundary

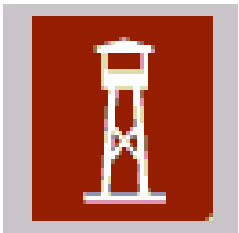
0 - None

0 - Not a couplet

00438 - City number 438 for Raleigh

# Features Names and Codes

- Used to search for and view 8-digit codes and associated text for primary roads (I, US, NC), secondary roads (SR), local street names, and political boundaries.
- Access the “Street and Feature Name” screen by selecting the following:



⇒ Street and Features Name

# Features Names and Codes (Cont.)

To search for feature names and codes

- Click the “**Search**” icon
- Enter search criteria
- Leave any criteria blank if they are not part of the search
- Click the “**GO**” icon

Search Icon

GO Icon

Select a specific Route Type

Select a specific Special Route

Select a specific Couplet Direction

Select a specific Boundary

Specify 5-digit route number. Wildcard characters may be used to search for one or more route. Refer to *Appendix D* for use of wildcard characters.

Select Preferred Name/Alternate Name

Specify 8-digit feature code. Wildcard characters may be used to search for one or more feature.

Enter a specific name or use wildcard

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code

Name

Preferred Name

Preferred Name

Alternate Name

Last Update

User ID

Date/Time

1 of 1

# Feature Names and Codes (Cont.)

**Route Type** - Interstate, NC Route, County Boundary, etc.

**Special Route** - Alternate, Business, etc.

**Couplet Direction** - North, South, East, West

**Boundary** -

County Names (when Route Type = County Boundary)

Municipality names (when Route Type = Municipal Boundary)

**Route Number** - 5 digit route/county/municipal/state code.

**Code** - Complete 8 digit feature code

**Preferred Name** - Preferred Spelling of the Feature Name

- County name, preceded with **CL-** (i.e. **CL-Wake**)
- Municipality name, preceded with **ML-** (i.e. **ML-Raleigh**)
- 2 character state abbreviation, preceded with **SL-** (i.e. **SL-Va**)

## Wildcard characters for searches:

Asterisk (\*) or percent (%) symbols can be used to represent multiple characters. An example would be “\*RALEIGH” which would return approximately 20 different features ranging from “DURALEIGH” to “ML-RALEIGH”.

Question marks (?) can be used to represent single characters. An example would be “ML?RALEIGH” which would only return “ML-RALEIGH”.

# Feature Names and Codes (Cont.)

It is possible to search for records using any of the fields that become enabled with the “**Search**” icon.

Example:

Step A: Click on the “**Search**” icon

Step B: Enter a route type such as “Municipal boundary”

Step C: Enter feature name such as “\*Raleigh”

Step D: Click the “**GO**” icon.

Step E: Click “**OK**” on the dialog box

The information in the database about Raleigh municipal boundaries will be displayed on the “Street and Feature Names” screen.



# Feature Names and Codes - Example 1

Suppose you wanted to search for all instances of “**Green St**” in the feature database:

Step A: Click on the “**Search**” icon

Step B: Enter feature name (Green St)

Step C: Click the “**GO**” icon.

The screenshot shows a software window titled "TEAS - Lookup - Street and Feature Names". It contains several sections for data entry and search. Annotations with arrows point to specific elements:

- Step A:** Points to the "Search" icon (a magnifying glass) in the toolbar.
- Step B:** Points to the "Name" text box in the "Feature" section, which contains the text "Green St".
- Step C:** Points to the "GO" button in the toolbar.

The application interface includes the following fields and sections:

- Feature Code Components:** Includes dropdown menus for "Route Type", "Special Route", "Couplet Direction", and "Boundary", and a text box for "Route Number".
- Feature:** Includes a "Code" text box, a "Name" text box (containing "Green St"), a "Preferred Name" text box, and radio buttons for "Preferred Name" and "Alternate Name".
- Last Update:** Includes text boxes for "User ID" and "Date/Time".
- Footer:** Includes a status bar showing "1 of 1" and navigation buttons.

# Feature Names and Codes - Example 1

- If matching records are found, a dialog box will indicate the number of records (note - using wildcards may return more than one record).
- If matching records are not found, try searches using alternate spellings, abbreviations, wildcards, etc.

Step D: Click on the “**OK**” button and view the records.

TEAAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code

Name

Preferred Name

Alternate Name ☐

Last Update

User ID

Date/Time

1 of 1

TEAAS Information

The search returned: 1 record(s).

OK

Step D

# Feature Names and Codes - Example 1

**TEAAS - Lookup - Street and Feature Names**

Edit Help

**Feature Code Components**

Route Type: Local street

Special Route: None

Couplet Direction: Not a couplet

Boundary:

Route Number: 12434

**Feature**

Code: 50012434

Name: GREEN ST

Preferred Name: GREEN

☐ Preferred Name  
☒ Alternate Name

**Last Update**

User ID: TEAAS CONVERSION

Date/Time: 12 August 1999 01:07 PM

1 of 1

It is a local street

It is not a special route

It is not a couplet

Route code is 12434

8-digit code is 50012434

Indicates "Green St" is an alternate spelling of another name in the database

The name you searched

Preferred name for "Green St" is "Green" (Codes are the same).

# Feature Names and Codes - Example 2

Suppose you wanted to search for all instances of **50012434** in the feature database:

Step A: Click on the “**Search**” icon

Step B: Enter feature code (50012434)

Step C: Click the “**GO**” icon.

Step A

Step C

Step B

The screenshot shows a software window titled "TEAAS - Lookup - Street and Feature Names". It has a menu bar with "Edit" and "Help". Below the menu bar is a toolbar with several icons, including a magnifying glass (labeled "Search" in the instructions), a green circle with "GO" (labeled "GO" in the instructions), and a yellow flag. The main area is divided into sections: "Feature Code Components" with dropdown menus for "Route Type", "Special Route", "Couplet Direction", "Boundary", and a text field for "Route Number"; "Feature" with a text field for "Code" (containing "50012434"), a text field for "Name", and radio buttons for "Preferred Name" and "Alternate Name"; and "Last Update" with text fields for "User ID" and "Date/Time". At the bottom, there is a pagination bar showing "0 of 0" with navigation arrows. Three black arrows point from the text labels to the corresponding UI elements: "Step A" points to the magnifying glass icon, "Step B" points to the "Code" text field, and "Step C" points to the "GO" button.

# Feature Names and Codes - Example 2

- If matching records are found, a dialog box will indicate the number of records.
- If matching records are not found, try different search criteria.

Step D: Click on the “**OK**” button to view the records.

TEAS - Lookup - Street and Feature Names

Edit Help

Feature Code Components

Route Type

Special Route

Couplet Direction

Boundary

Route Number

Feature

Code 50012434

Name

Preferred Name

Alternate Name

Last Update

User ID

Date/Time

TEAS Information

The search returned: 163 record(s).

OK

Step D

# Feature Names and Codes Exercise 1

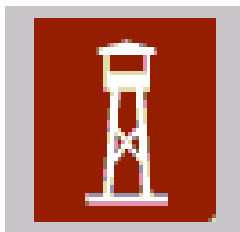
1. What is the 8-digit code for Wilson Street?
2. What is the feature with an 8-digit code of 70000057?
3. What is the 8-digit code for the municipal boundary of Plymouth?
4. What is the feature with an 8-digit code of 50018682?

## Feature Names and Codes Exercise 2

1. What is the 8-digit code for “James St”?
2. What is the 8-digit code for the state line of Georgia (SL-GA)?
3. How many different versions of the road name defined by 8-digit code 50013456 are there?
4. What is the preferred name for the road defined by 8-digit code 50013456?

# Secondary Roads

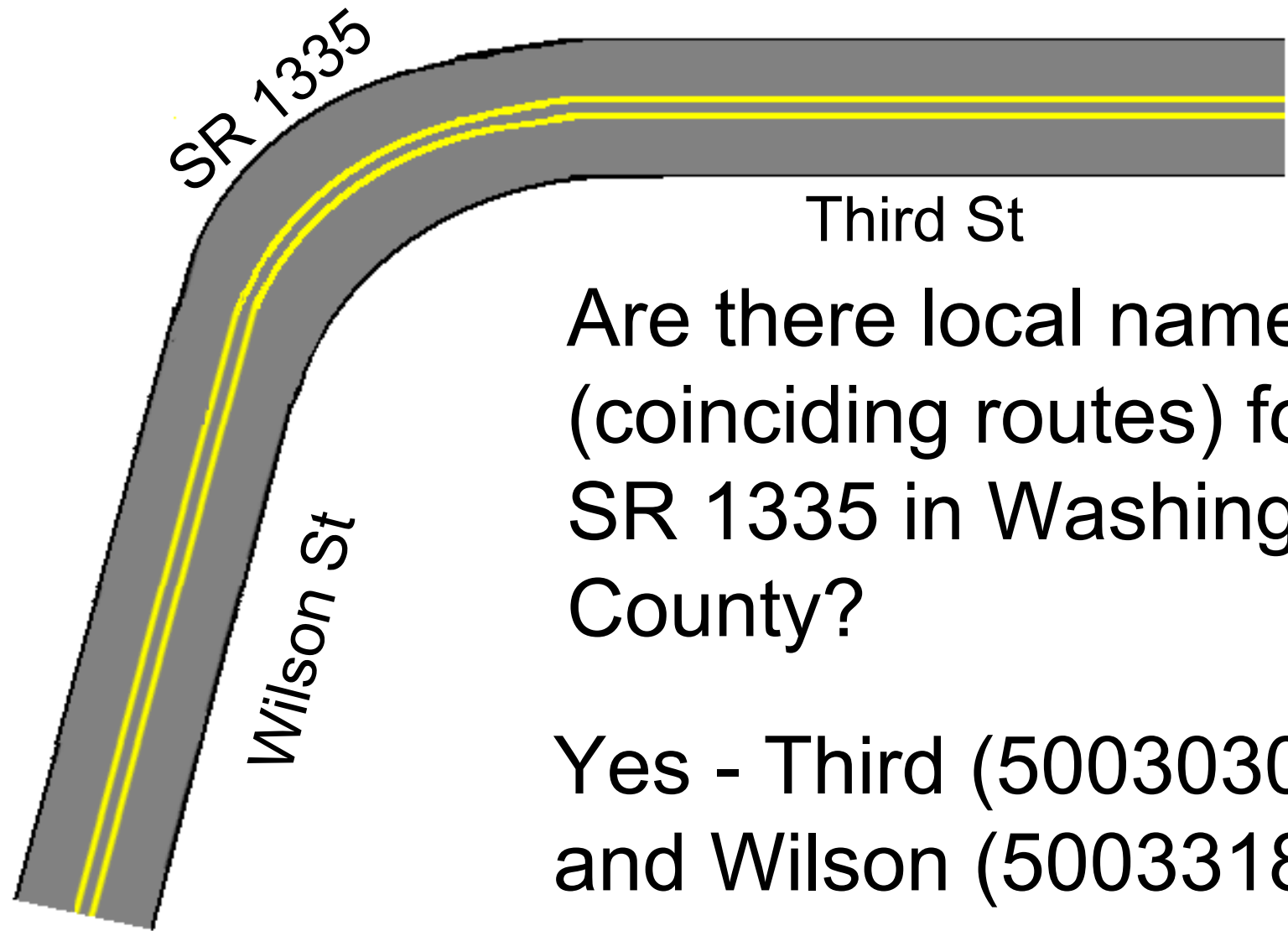
- Used to search for and view local street names attached to secondary roads (SR) within each county.
- Secondary roads are county specific.
- Some secondary roads may have more than one local name attached to them within a county.
- Access the “Secondary Routes” screen by selecting the following:



⇒ Secondary Routes



## Secondary Roads (Cont.)



Are there local names  
(coinciding routes) for  
SR 1335 in Washington  
County?

Yes - Third (50030308)  
and Wilson (50033187).

The “Secondary Routes” screen may be able to answer this question

# Secondary Roads (Cont.)

## To search for secondary routes

- Click the “**Search**” icon
- Enter search criteria
- Leave criteria blank if they are not part of the search
- Click the “**GO**” icon

The screenshot shows a web application window titled "TEAAS - Lookup - Secondary Routes". The window has a menu bar with "Edit" and "Help". Below the menu bar is a toolbar with several icons: a document, a pencil, a trash can, a save icon, a red 'X' icon, a magnifying glass icon, a green "GO" button, and a yellow icon. The main content area is divided into two sections. The top section is titled "Secondary Route" and contains four input fields: "County", "Road Code", "Alternate Road Text", and "City Street Code". The bottom section is titled "Last Update" and contains two input fields: "User ID" and "Date/Time". At the bottom of the window is a pagination bar with navigation arrows and the text "0 of 0".

TEAAS - Lookup - Secondary Routes

Edit Help

Secondary Route

County

Road Code

Alternate Road Text

City Street Code

Last Update

User ID

Date/Time

0 of 0

Search Icon

GO Icon

County

Secondary road's 8-digit code

Local road's name

Local road's 8-digit code

# Secondary Roads - Example 1

Suppose you wanted to search for the street names attached to SR 1822 in Wake County.

Step A: Click on the “**Search**” icon

Step B: Enter the county (Wake)

Step C: Enter the secondary road’s 8-digit code (40001822)

Step D: Click the “**GO**” icon.

The screenshot shows a software window titled "TEAAS - Lookup - Secondary Routes". It features a menu bar with "Edit" and "Help", and a toolbar with icons for file operations and a green "GO" button. The main form is titled "Secondary Route" and contains the following fields:

- County:** A dropdown menu with "WAKE" selected. An arrow from "Step B" points to this field.
- Road Code:** A text input field containing "40001822". An arrow from "Step C" points to this field.
- Alternate Road Text:** An empty text input field.
- City Street Code:** An empty text input field.

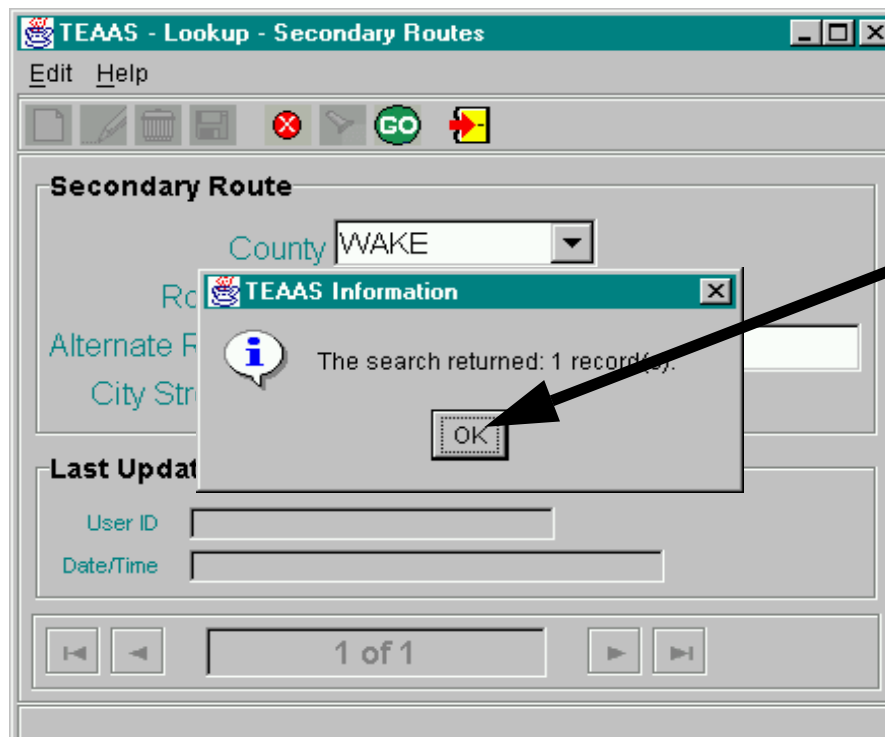
Below these fields is a section titled "Last Update" with "User ID" and "Date/Time" labels and empty input fields. At the bottom, there is a status bar showing "1 of 1" with navigation arrows. Four arrows indicate the search process:

- Step A:** Points to the "GO" button in the toolbar.
- Step B:** Points to the "County" dropdown menu.
- Step C:** Points to the "Road Code" text input field.
- Step D:** Points to the "GO" button in the toolbar.

# Secondary Roads - Example 1

- If matching records are found, a dialog box will indicate the number of records (note - using wildcards may return more than one record).
- If no matches, check your search criteria.

Step E: Click on the “**OK**” button to view the records.



Step E

# Reading the Secondary Routes Screen

TEAAS - Lookup - Secondary Routes

Edit Help

Secondary Route

County WAKE

Road Code 40001822

Alternate Road Text MILLBROOK

City Street Code 50020092

Last Update

User ID TEAAS CONVERSION

Date/Time 07 August 1999 03:16 AM

1 of 1

County

8-digit code for SR 1822

Local name attached to  
SR 1822 in Wake County.

8-digit code for the local  
name (Millbrook) attached  
to the secondary road.

# Secondary Roads - Example 2

Suppose you wanted to search for secondary roads attached to Millbrook in Wake County.

Step A: Click on the “**Search**” icon

Step B: Enter the county (Wake)

Step C: Enter the local name (Millbrook)

Step D: Click the “**GO**” icon.

Step A

The screenshot shows a software window titled "TEAAS - Lookup - Secondary Routes". It has a menu bar with "Edit" and "Help". Below the menu is a toolbar with several icons: a red 'X', a magnifying glass, a green circle with "GO", and a yellow flag. The main form area is titled "Secondary Route" and contains four input fields: "County" with the text "WAKE", "Road Code" (empty), "Alternate Road Text" with the text "MILLBROOK", and "City Street Code" (empty). Below this is a section titled "Last Update" with "User ID" and "Date/Time" fields. At the bottom is a pagination bar showing "1 of 1" with navigation arrows. Four black arrows point from external labels to specific elements: Step A points to the magnifying glass icon, Step B points to the "County" field, Step C points to the "Alternate Road Text" field, and Step D points to the "GO" icon.

Step D

Step B

Step C

# Secondary Roads - Example 2

The image displays four overlapping screenshots of the TEAAS - Lookup - Secondary Routes window, each showing a different secondary road entry. Arrows point from text labels to the Road Code field in each window.

- 40001822 (SR 1822)
- 40002018 (SR 2018)
- 40002108 (SR 2108)
- 40002118 (SR 2118)

Each window shows the following fields:

- County: WAKE
- Road Code: [Value]
- Alternate Road Text: [Value]
- City Street Code: [Value]
- Last Update: User ID [Value], Date/Time [Value]

There are four (4) different secondary roads listed for "Millbrook" in Wake County

## Secondary Road Exercise

1. What is the local name associated with SR 1348 in Washington County?
2. What is the secondary road associated with “Long Ridge” in Washington County?
3. How many local names are associated with SR 1335 in Washington County?
4. What is the secondary road associated with “Poplar” in Wake County?



# Secondary Roads (Cont.)

**CAUTION!**

**CAUTION!**

**CAUTION!**

TEAAS - Lookup - Secondary Routes

Edit Help

Secondary Route

County

Road Code

Alternate Road Text

City Street Code

Last Update

User ID

Date/Time

0 of 0

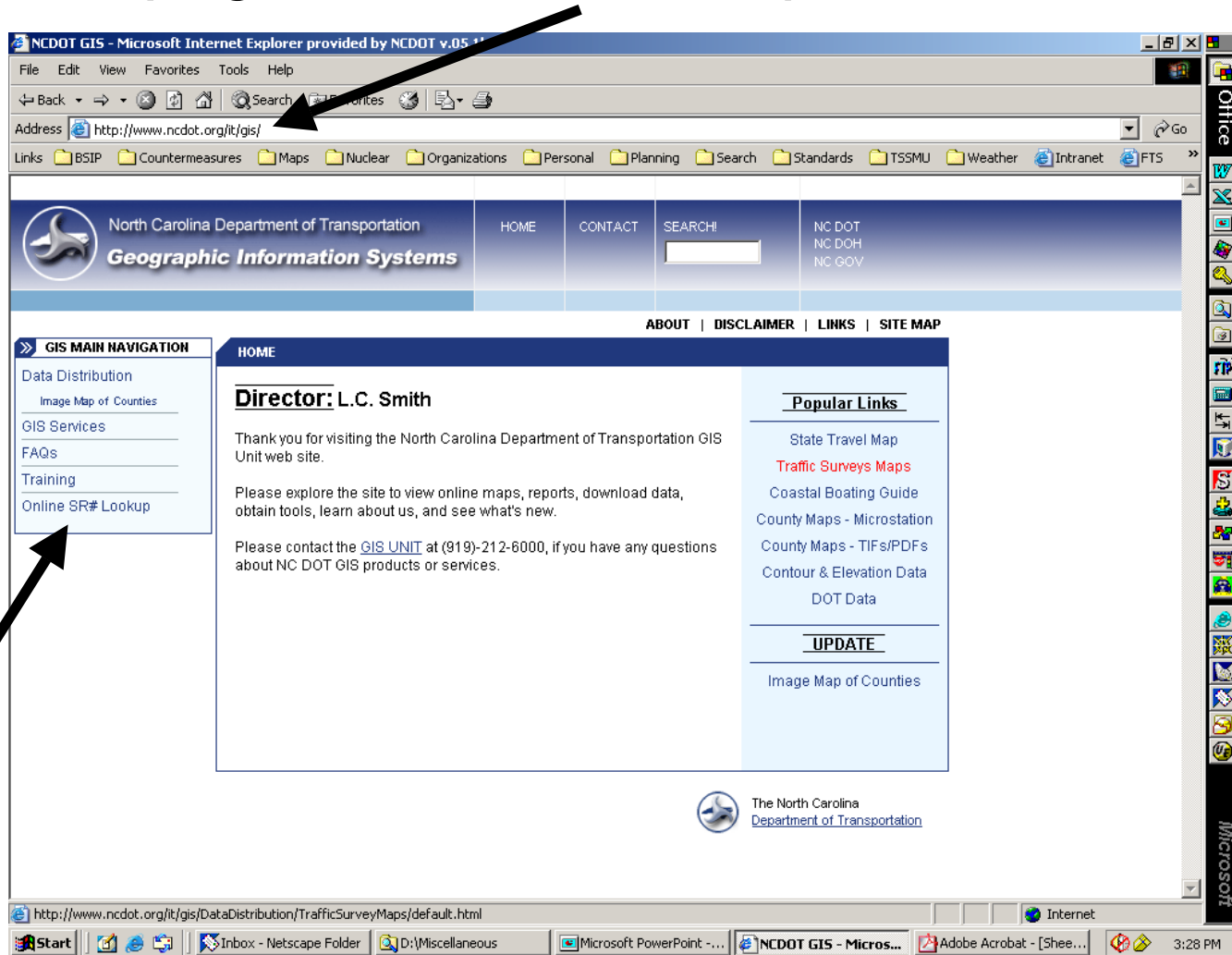
The table that supplies information to this TEAAS feature is incomplete and, therefore, the information you receive may not be accurate.

More complete information can be found on the internet at the NCDOT's Geographic Information System's (GIS) web site.

If you are a NCDOT employee, you can also access the secondary roads inventory (SECI) on the mainframe.

# Secondary Roads (Cont.)

The GIS homepage is located at <http://www.ncdot.org/it/gis>



Local names for secondary roads (SR) can be searched in the "Online SR# Lookup" feature.

# Secondary Roads (Cont.)

For NCDOT employees, you can also go to the secondary road inventory (SECI) function on the mainframe.

DL32705SL - A - ZE501449

File Edit View Communication Actions Help

—

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
SECONDARY ROAD LOCAL NAME TASK - INQUIRY ENTRY SCREEN

TO INQUIRE ON AN EXISTING RECORD

KEY - (COUNTY AND ROUTE)

COUNTY: 91      ROUTE: 41010  
      --           -----

NOTE: TO OBTAIN A LIST OF COUNTY CODES PRESS THE PF1 KEY

THE FIRST POSITION OF ROUTE MUST BE A '4' FOLLOWED  
BY THE FOUR DIGIT SR NUMBER

MESSAGE==>

MA+ a 01/003

PF1	PF2	PF3	PF4	PF5	PF6	Enter	PA1	Attn	Insert	NewLine
PF7	PF8	PF9	PF10	PF11	PF12	Clear	PA2	SysReq	Delete	NextPad